

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV. 2-83)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY SERIAL NO. FILING DATE GROUP APPLICANT
DOCKET NO.

D-1533 08/18/2003 Hisao kawata et al

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-C LASS	TRANSLATION YES NO
<u>A.V.</u>		2000-299050	10/24/00	Japan			X (Abstract)
<u>A.V.</u>		6-68771	03/11/91	Japan			X (Abstract)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	<u>A. Vale</u>	DATE CONSIDERED	<u>07/16/04</u>
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D-1533 10/642,492 08/18/2003 2835 Hisao Kawata et al

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-C LASS	TRANSLATION YES NO
A.V.		2000-231869	08/22/00	Japan			X
A.V.		0 964 420 A2	12/15/99	Europe			X
A.V.		3-129628	06/03/91	Japan			X
A.V.		85 31 352.1	02/13/86	Germany			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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